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L9 ANSWER 22 OF 37 USPATFULL

ACCESSION NUMBER: 2000:9921 USPATFULL  
TITLE: **Pharmaceutical** compositions containing at least one NSAID having increased bioavailability  
INVENTOR(S): Singh, Amarjit, New Delhi, India  
Jain, Rajesh, New Delhi, India  
PATENT ASSIGNEE(S): Panacea Biotec Limited, New Delhi, India (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6017932		20000125
APPLICATION INFO.:	US 1997-988211		19971210 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	IN 1996-278096	19961212
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Spivack, Phyllis G.	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	11	
EXEMPLARY CLAIM:	1	
LINE COUNT:	654	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A novel composition for increasing the bioavailability of Non-steroidal Anti-inflammatory Drugs (NSAIDs), particularly those belonging to the category which exhibits its activity by selectively inhibiting cyclooxygenases-II (COX-II) and/or lipooxygenases, is disclosed. The composition is characterized in having clinically significant increased bioavailability when compared to the known compositions of the drugs. The **pharmaceutical** compositions comprise NSAIDs and **Piperine**, as herein disclosed. Enhanced bioavailability of NSAIDs results in the reduction of both dosages and dose-related side effects.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 35 OF 37 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 935964 EUROPATFULL EW 199933 FS OS  
TITLE: **Pharmaceutical** compositions containing NSAIDs and **piperine**.  
Pharmazeutische Zusammensetzungen, die NSAIDs und **Piperine** enthalten.  
Compositions pharmaceutiques contenant des anti-inflammatoires non steroïdiens et de la **piperine**.  
INVENTOR(S): Singh, Amarjit, c/o 102 Ashok Plaza, 24 School Lane, New Delhi-110001, IN;  
Jain, Rajesh, c/o 102 Ashok Plaza, 24 School Lane, New Delhi-110001, IN  
PATENT ASSIGNEE(S): PANACEA BIOTEC LIMITED, 102 Ashok Plaza, 24 School Lane, New Dehli 110001, IN  
PATENT ASSIGNEE NO: 2147941  
AGENT: Viering, Jentschura & Partner, Postfach 22 14 43, 80504 Muenchen, DE

AGENT NUMBER: 100645  
 OTHER SOURCE: ESP1999059 EP 0935964 A1 990818  
 SOURCE: Wila-EPZ-1999-H33-T1b  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch  
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE  
 PATENT INFO.PUB.TYPE: EPA1 EUROPÄISCHE PATENTANMELDUNG  
 PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 935964	A1 19990818
'OFFENLEGUNGS' DATE:		19990818
APPLICATION INFO.:	EP 1998-102450	19980212

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(FILE 'HOME' ENTERED AT 18:02:09 ON 05 MAR 2003)

FILE 'CAPLUS, USPATFULL, EUROPATFULL, JAPIO, MEDLINE, BIOSIS, EMBASE'  
 ENTERED AT 18:02:33 ON 05 MAR 2003

L1 0 S (ORAL DOSAGE FORMULATION#) AND (CAPSAICIN OR (CAPSACUTIN DIHY  
 L2 2686 S (ORAL?) AND (CAPSAICIN OR (CAPSACUTIN DIHYDROCAPSAICIN) OR NO  
 L3 662 S L2 AND (TABLET# OR CAPSULE# OR CAPLET#)  
 L4 341 S L3 AND (EXTEND? OR PROLONG? OR CONTINUOUS? OR (ZERO ORDER))  
 L5 200 S L4 AND (INHAL? OR RESPIR? OR MAINLIN? OR SNORT? OR HUFF?)  
 L6 190 S L5 AND (DRUG OR PHARMACEUTICAL OR BIOACTIVE)  
 L7 55 S L6 AND (SOLID DOSAGE)  
 L8 0 S L7 AND EXCEDRIN  
 L9 37 S L7 AND ASPIRIN

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(FILE 'HOME' ENTERED AT 18:02:09 ON 05 MAR 2003)

FILE 'CAPLUS, USPATFULL, EUROPATFULL, JAPIO, MEDLINE, BIOSIS, EMBASE'  
ENTERED AT 18:02:33 ON 05 MAR 2003

L1 0 S (ORAL DOSAGE FORMUALTION#) AND (CAPSAICIN OR (CAPSACUTIN DIHY  
L2 2686 S (ORAL?) AND (CAPSAICIN OR (CAPSACUTIN DIHYDROCAPSAICIN) OR NO  
L3 662 S L2 AND (TABLET# OR CAPSULE# OR CAPLET#)  
L4 341 S L3 AND (EXTEND? OR PROLONG? OR CONTINUOUS? OR (ZERO ORDER))  
L5 200 S L4 AND (INHAL? OR RESPIR? OR MAINLIN? OR SNORT? OR HUFF?)  
L6 190 S L5 AND (DRUG OR PHARMACEUTICAL OR BIOACTIVE)  
L7 55 S L6 AND (SOLID DOSAGE)  
L8 0 S L7 AND EXCEDRIN  
L9 37 S L7 AND ASPIRIN

=> s (oral? or capsule# or tablet# or caplet#) and (denatonium? or limonin or  
linalool? or naringin or quassin or quercitin or (sucrose benzoate) or (sucrose  
octaacetate))

L10 1830 (ORAL? OR CAPSULE# OR TABLET# OR CAPLET#) AND (DENATONIUM? OR  
LIMONIN OR LINALOOL? OR NARINGIN OR QUASSIN OR QUERCITIN OR  
(SUCROSE BENZOATE) OR (SUCROSE OCTAACETATE))

=> s l10 and (extend? or prolong? or continuous? or (zero order))

L11 785 L10 AND (EXTEND? OR PROLONG? OR CONTINUOUS? OR (ZERO ORDER))

=> s l11 and (inhal? or respir? or mainlin? or snort? or huff?)

L12 180 L11 AND (INHAL? OR RESPIR? OR MAINLIN? OR SNORT? OR HUFF?)

=> s l12 and (drug or pharmaceutical or bioactive)

L13 135 L12 AND (DRUG OR PHARMACEUTICAL OR BIOACTIVE)

=> s l13 and (solid dosage)

L14 10 L13 AND (SOLID DOSAGE)

=> d l14 1-10 ibib abs

L14 ANSWER 1 OF 10 USPATFULL

ACCESSION NUMBER: 2003:45366 USPATFULL

TITLE: Composition for treatment of infections of humans and  
animals

INVENTOR(S): Ninkov, Dusan, Orange City, IA, UNITED STATES

PATENT ASSIGNEE(S): Van Beek Gloval/Ninkov L.L.C., Orange City, IA (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003032678	A1	20030213
APPLICATION INFO.:	US 2002-143096	A1	20020510 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-499197, filed on 7 Feb 2000, GRANTED, Pat. No. US 6414036		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-151858P	19990901 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Attention of Anna M. Nelson, MERCHANT & GOULD P.C., P.O. Box 2903, Minneapolis, MN, 55402-0903	
NUMBER OF CLAIMS:	43	
EXEMPLARY CLAIM:	1	

NUMBER OF DRAWINGS: 9 Drawing Page(s)  
LINE COUNT: 1841  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This disclosure provides **pharmaceutical** compositions which include oil extract from plants from the Labiatae family. In particular, the compositions can be formulated by combining extracts of essential oils from plants of the Labiatae family with an organic acid or a Group I salt. It is believed that the antimicrobial activity of the **pharmaceutical** composition is due to the presence of organic phenols, such as isopropyl-o-cresol, in the oil extract from the plants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 2 OF 10 USPATFULL

ACCESSION NUMBER: 2003:40430 USPATFULL  
TITLE: Methods and compositions for improved bioavailability of **bioactive** agents for mucosal delivery  
INVENTOR(S): Roser, Bruce J., Cambridge, UNITED KINGDOM  
Sanderson, Ian, Hertfordshire, UNITED KINGDOM  
Kampinga, Jaap, Groningen, NETHERLANDS  
Colaco, Camilo, Cambridge, UNITED KINGDOM  
PATENT ASSIGNEE(S): Quadrant Holdings Cambridge, Ltd., UNITED KINGDOM  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6517860	B1	20030211
APPLICATION INFO.:	US 1997-857		19971230 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-33976P	19961231 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Channavajjala, Lakshmi	
LEGAL REPRESENTATIVE:	Saliwanchik, Lloyd & Saliwanchik	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 9 Drawing Page(s)	
LINE COUNT:	842	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention encompasses compositions for increased bioavailability through mucosal delivery comprising, preferably in powder form, an intimate mixture of an effective amount of a **bioactive** agent and a hydrophobically derivatized carbohydrate. The compositions can also contain a surface active agent preferably for delivery to gastrointestinal mucosa and ocular delivery.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 3 OF 10 USPATFULL

ACCESSION NUMBER: 2003:30295 USPATFULL  
TITLE: Particles with improved solubilization capacity  
INVENTOR(S): Anderson, David, Colonial Heights, VA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003022242	A1	20030130
APPLICATION INFO.:	US 2002-176112	A1	20020621 (10)

NUMBER	DATE
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PRIORITY INFORMATION: US 2001-300476P 20010623 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: WHITHAM, CURTIS & CHRISTOFFERSON, P.C., 11491 SUNSET  
HILLS ROAD, SUITE 340, RESTON, VA, 20190  
NUMBER OF CLAIMS: 204  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 1 Drawing Page(s)  
LINE COUNT: 3885

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A particle is disclosed that comprises a first volume of hydrophobe-rich material with tunable dissolution and solubilization characteristics and a distinct second volume of nanostructured nonlamellar liquid crystalline material, said second volume containing said first domain and being capable of being in equilibrium with said first volume. Preferably, the nanostructured nonlamellar liquid crystalline material is capable of being in equilibrium with a polar solvent or a water-immiscible solvent or both.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 4 OF 10 USPATFULL

ACCESSION NUMBER: 2002:160782 USPATFULL  
TITLE: Composition for treatment of infections of humans and animals  
INVENTOR(S): Ninkov, Dusan, Orange City, IA, United States  
PATENT ASSIGNEE(S): Van Beek Global/Ninkov LLC, Orange City, IA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6414036	B1	20020702
APPLICATION INFO.:	US 2000-499197		20000207 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-151858P	19990901 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Weddington, Kevin E.	
LEGAL REPRESENTATIVE:	Merchant & Gould PC	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 9 Drawing Page(s)	
LINE COUNT:	1710	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This disclosure provides **pharmaceutical** compositions which include oil extract from plants from the Labiatae family. In particular, the compositions can be formulated by combining extracts of essential oils from plants of the Labiatae family with an organic acid or a Group I salt. It is believed that the antimicrobial activity of the **pharmaceutical** composition is due to the presence of organic phenols, such as isopropyl-o-cresol, in the oil extract from the plants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 5 OF 10 USPATFULL

ACCESSION NUMBER: 2002:133242 USPATFULL  
TITLE: BIOADHESIVE NANOPARTICULATE COMPOSITIONS HAVING CATIONIC SURFACE STABILIZERS  
INVENTOR(S): BOSCH, H. WILLIAM, KING OF PRUSSIA, PA, UNITED STATES

COOPER, EUGENE R., KING OF PRUSSIA, PA, UNITED STATES  
MCGURK, SIMON L., KING OF PRUSSIA, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002068092	A1	20020606
	US 6428814	B2	20020806
APPLICATION INFO.:	US 1999-414159	A1	19991008 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	FOLEY & LARDNER, 3000 K STREET NW, SUITE 500, WASHINGTON, DC, 200075109		
NUMBER OF CLAIMS:	97		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	26 Drawing Page(s)		
LINE COUNT:	2519		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Bioadhesive nanoparticulate compositions, comprising active agent particles and one or more cationic surface stabilizers, are described. The cationic surface stabilizers prevent aggregation of the nanoparticles and increase bioadhesion of the nanoparticles to biological substrates, such as an insect, teeth, bone, nails, chitin, feathers, scales, mucous, skin, hair, plant tissue, etc. The particles may consist of pharmacologically active compounds (e.g., **drug** compounds for human or veterinary use), agricultural chemicals (pesticides, herbicides, fertilizers, and the like), cosmetic agents, consumer products (coloring agents, flavors, or fragrances), or other materials which function by interacting with biological substrates. In addition, the invention relates to methods of preparing and using such bioadhesive nanoparticulate compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 6 OF 10 USPATFULL

ACCESSION NUMBER: 2002:67202 USPATFULL  
TITLE: Stabilized medicament containing cysteinyl derivatives  
INVENTOR(S): Stanislaus, Fritz, Muenchen, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002037855	A1	20020328
APPLICATION INFO.:	US 2001-816769	A1	20010322 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-403160, filed on 5 May 2000, ABANDONED A 371 of International Ser. No. WO 1997-EP1941, filed on 18 Apr 1997, UNKNOWN		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HELLER EHRMAN WHITE & MCAULIFFE LLP, 275 MIDDLEFIELD ROAD, MENLO PARK, CA, 94025-3506		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1064		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to a stabilized medicament with an amount of active ingredients containing cysteine groups and NSAID compounds, wherein a stabilization of the combination, especially the active ingredients containing the cysteine group, can be conducted with a mixture of at least three anti-oxidative components. The therapeutic and prophylactic use of this medicament stabilized in this manner lies in the field of the prevention and therapy of inflammatory diseases among the fields of medical indications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 7 OF 10 USPATFULL

ACCESSION NUMBER: 2001:218473 USPATFULL  
TITLE: Novel use of flavones  
INVENTOR(S): Wenzel, Uwe, Freising, Germany, Federal Republic of  
Daniel, Hannelore, Freising, Germany, Federal Republic  
of

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001046963	A1	20011129
APPLICATION INFO.:	US 2001-782306	A1	20010214 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-185179P	20000225 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Messrs. Keil & Weinkauff, 1101 Connecticut Ave. N.W., Washington, DC, 20036	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
LINE COUNT:	781	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **pharmaceutical** composition for inhibiting COX-2 biosynthesis  
comprising a therapeutically effective amount of the compound of formula  
I and a pharmaceutically acceptable carrier. ##STR1##

wherein R.sup.1 and R.sup.4 represent either Hydrogen or together a bond

R.sup.5, R.sup.6, R.sup.7, R.sup.8 represent independently of each other  
Hydrogen, Hydroxy or Methoxy; in addition R.sup.7 represents a sugar  
substituent like glucoside, rutinoid, manno gluco pyransyl,  
aprosylglucoside

R.sup.2 and R.sup.3 represent Hydrogen, Hydroxy, Methoxy or ##STR2##

wherein R.sup.2', R.sup.3', R.sup.4', R.sup.5' and R.sup.6'

are independently of each other Hydrogen, Hydroxy or Methoxy with the  
proviso, that R.sup.2 or R.sup.3 is represented by the optionally  
substituted Phenylring.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 8 OF 10 USPATFULL

ACCESSION NUMBER: 2001:199758 USPATFULL  
TITLE: Solid delivery systems for controlled release of  
molecules incorporated therein and methods of making  
same  
INVENTOR(S): Roser, Bruce J., Cambridge, Great Britain  
Colaco, Camilo, Cambridge, Great Britain  
Jarrow, Mohammed A.Z., Aberdeen, Great Britain  
Blair, Julian, St. Ives, Great Britain  
Kampinga, Jaap, Groningen, Netherlands  
Wardell, James Lewis, Aberdeen, Great Britain  
Duffy, John Alistair, Aberdeen, Great Britain

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2001038858 A1 20011108  
APPLICATION INFO.: US 2001-755737 A1 20010105 (9)  
RELATED APPLN. INFO.: Continuation of Ser. No. US 1997-500877, filed on 18  
Aug 1997, ABANDONED A 371 of International Ser. No. WO  
1995-GB1861, filed on 4 Aug 1995, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1994-15810	19940804
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Madeline I. Johnston, Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA, 94304-1018	
NUMBER OF CLAIMS:	51	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	18 Drawing Page(s)	
LINE COUNT:	2272	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention encompasses solid dose delivery systems for administration of guest substances. Preferred delivery systems are suitable for delivery of **bioactive** materials to subcutaneous and intradermal, intramuscular, intravenous tissue, the delivery system being sized and shaped for penetrating the epidermis. The delivery systems comprises a vitreous vehicle loaded with the guest substance and capable of releasing the guest substance in situ at various controlled rates. The present invention further includes methods of making and using the solid dose delivery systems.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 9 OF 10 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1138337 EUROPATFULL EW 200140 FS OS STA R  
TITLE: Solid delivery systems for controlled release of  
molecules incorporated therein and methods of making  
same.  
Feste Verabreichungssysteme zur gesteuerten Freisetzung  
von darin eingebauten Molekuelen sowie Verfahren zu  
deren Herstellung.  
Systemes d'administration de substances solides pour la  
liberation controlee de molecules incorporees dans ces  
substances et procedes de fabrication de ces systemes.

INVENTOR(S): Roser, Bruce Joseph, 4 Archway Court, Barton Road,  
Cambridge CB3 9LW, GB;  
Colaco, Camilo, 107 Foster Way, Trumpington, Cambridge  
CB2 2JN, GB;  
Blair, Julian Alexander, Quadrant Holdings Cambridge  
Limited, 1 Mere Way, Ruddington, Nottingham NG11 6JS,  
GB;  
Kampinga, Jaap, Rietveldlaan 35, 9731 MJ Groningen, NL

PATENT ASSIGNEE(S): QUADRANT HOLDINGS CAMBRIDGE LIMITED, 1 Mere Way,  
Ruddington, Nottingham NG11 7JS, GB

PATENT ASSIGNEE NO: 1445341

AGENT: Perry, Robert Edward, GILL JENNINGS & EVERY Broadgate  
House 7 Eldon Street, London EC2M 7LH, GB

AGENT NUMBER: 41331

OTHER SOURCE: BEPA2001078 EP 1138337 A2 0039

SOURCE: Wila-EPZ-2001-H40-T2b

DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE; R LT; R LV; R SI

PATENT INFO.PUB.TYPE: EPA2 EUROPÄISCHE PATENTANMELDUNG

PATENT INFORMATION:

PATENT NO	KIND	DATE
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EP 1138337	A2	20011004
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'OFFENLEGUNGS' DATE: 20011004

APPLICATION INFO.: EP 2001-116638 19950804

PRIORITY APPLN. INFO.: GB 1994-15810 19940804

US 1994-349029 19941202

RELATED DOC. INFO.: EP 773781 DIV

L14 ANSWER 10 OF 10 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 1138319 EUROPATFULL EW 200140 FS OS STA R

TITLE: Solid delivery systems for controlled release of molecules incorporated therein and methods of making same.

Feste Verabreichungssysteme zur gesteuerten Freisetzung von darin eingebauten Molekülen sowie Verfahren zu deren Herstellung.

Systèmes d'administration de substances solides pour la libération contrôlée de molécules incorporées dans ces substances et procédés de fabrication de ces systèmes.

INVENTOR(S): Roser, Bruce Joseph, 4 Archway Court, Barton Road, Cambridge CB3 9LW, GB;  
Colaco, Camilo, 107 Foster Way, Trumpington, Cambridge CB3 9LW, GB;  
Jerrow, Mohamed Abdel Zahra, 30c Willowbank Road, Aberdeen AB1 24H, GB;  
Blair, Julian Alexander, Quadrant Holdings Cambridge Limited, 1 Mere Way, Ruddington, Nottingham NG11 6JS, GB;  
Kampinga, Jaap, Rietveldlaan 35, 9731 MJ Groningen, NL;  
Wardell, James Lewis, 1 Harcourt Road, Aberdeen AB2 4NY, GB;  
Duffy, John Alistair, 43 Beechgrove Terrace, Aberdeen AB2 4DS, GB

PATENT ASSIGNEE(S): QUADRANT HOLDINGS CAMBRIDGE LIMITED, 1 Mere Way, Ruddington, Nottingham NG11 7JS, GB

PATENT ASSIGNEE NO: 1445341

AGENT: Perry, Robert Edward, GILL JENNINGS & EVERY Broadgate House 7 Eldon Street, London EC2M 7LH, GB

AGENT NUMBER: 41331

OTHER SOURCE: BEPA2001078 EP 1138319 A2 0039

SOURCE: Wila-EPZ-2001-H40-T1b

DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veröffentlichung in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE; R LT; R LV; R SI

PATENT INFO.PUB.TYPE: EPA2 EUROPÄISCHE PATENTANMELDUNG

PATENT INFORMATION:

PATENT NO	KIND	DATE
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EP 1138319	A2	20011004
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'OFFENLEGUNGS' DATE: 20011004

APPLICATION INFO.: EP 2001-116637 19950804

PRIORITY APPLN. INFO.:	GB 1994-15810	19940804
	US 1994-349029	19941202
RELATED DOC. INFO.:	EP 773781	DIV

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NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	27	Oct 21	EVENTLINE has been reloaded
NEWS	28	Oct 24	BEILSTEIN adds new search fields
NEWS	29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	31	Nov 18	DKILIT has been renamed APOLLIT
NEWS	32	Nov 25	More calculated properties added to REGISTRY
NEWS	33	Dec 02	TIBKAT will be removed from STN
NEWS	34	Dec 04	CSA files on STN
NEWS	35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	36	Dec 17	TOXCENTER enhanced with additional content
NEWS	37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	38	Dec 30	ISMEC no longer available
NEWS	39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
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NEWS 44 Feb 24 METADEX enhancements  
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 CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
 AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
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=> s (table or capsule) and (denatonium? or limonin or linalool? or naringin or  
 quassin or quercitin or (sucrose benzoate) or (sucrose octaacetate))  
 L1 3063 (TABLE OR CAPSULE) AND (DENATONIUM? OR LIMONIN OR LINALOOL? OR

NARINGIN OR QUASSIN OR QUERCITIN OR (SUCROSE BENZOATE) OR (SUCROSE OCTAACETATE))

=> s l1 and (extend? or prolong? or continuous? or (zero order) or delay? or sustained or target? or pulsatile or constant)

4 FILES SEARCHED...

L2 2084 L1 AND (EXTEND? OR PROLONG? OR CONTINUOUS? OR (ZERO ORDER) OR DELAY? OR SUSTAINED OR TARGET? OR PULSATILE OR CONSTANT)

=> s l2 qand tablet

MISSING OPERATOR L2 QAND

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s l2 and tablet

L3 436 L2 AND TABLET

=> s l3 and abuse

L4 11 L3 AND ABUSE

=> d l4 1-11 ibib abs

L4 ANSWER 1 OF 11 USPATFULL

ACCESSION NUMBER: 2003:44402 USPATFULL

TITLE: Opioid agonist /antagonist combinations

INVENTOR(S): Kaiko, Robert F., Weston, CT, UNITED STATES

Colucci, Robert D., Newtown, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003031712	A1	20030213
APPLICATION INFO.:	US 2002-244783	A1	20020916 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-815167, filed on 22 Mar 2001, GRANTED, Pat. No. US 6475494 Continuation of Ser. No. US 1998-218662, filed on 22 Dec 1998, GRANTED, Pat. No. US 6277384		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-68480P	19971222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Davidson, Davidson & Kappel, LLC, 14th Floor, 485 Seventh Avenue, New York, NY, 10018	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Page(s)	
LINE COUNT:	2205	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is directed in part to oral dosage forms comprising a combination of an orally analgesically effective amount of an opioid agonist and an orally active opioid antagonist, the opioid antagonist being included in a ratio to the opioid agonist to provide a combination product which is analgesically effective when the combination is administered orally, but which is aversive in a physically dependent subject. Preferably, the amount of opioid antagonist included in the combination product provides at least a mildly negative, "aversive" experience in physically dependent addicts (e.g., precipitated abstinence syndrome).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 11 USPATFULL

ACCESSION NUMBER: 2002:246381 USPATFULL  
TITLE: Skin care composition  
INVENTOR(S): Barrett, Karen Elizabeth, Bedford, UNITED KINGDOM  
Green, Martin Richard, Bedford, UNITED KINGDOM  
Hu, Heng-Long, Gloucester, UNITED KINGDOM  
Parmar, Preyesh, Bedford, UNITED KINGDOM  
Powell, Jonathan Richard, Bedford, UNITED KINGDOM  
Rawlings, Anthony Vincent, Wirral, UNITED KINGDOM  
PATENT ASSIGNEE(S): Elizabeth Arden Co., div. of Conopco, Inc., New York,  
NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6455057	B1	20020924
APPLICATION INFO.:	US 2000-628737		20000728 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1999-18030	19990730
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dees, Jose G.	
ASSISTANT EXAMINER:	George, Konata M.	
LEGAL REPRESENTATIVE:	PLotkin, Ellen	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	534	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A topical composition comprising:

- (a) petroselinic acid and/or derivatives thereof;
- (b) a phenolic compound and/or mixtures thereof; and
- (c) a dermatologically acceptable vehicle.

The product is particularly useful for treating wrinkles and soothing sensitive skin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 11 USPATFULL

ACCESSION NUMBER: 2002:119359 USPATFULL  
TITLE: Compositions and methods for use of extracts of  
rutaceae plants  
INVENTOR(S): Stogniew, Martin, Blue Bell, PA, UNITED STATES  
Chambliss, Walter, Memphis, TN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002061339	A1	20020523
APPLICATION INFO.:	US 2001-948019	A1	20010906 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-235920P	20000928 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711	

NUMBER OF CLAIMS: 54  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 4 Drawing Page(s)  
LINE COUNT: 1822

AB The invention relates to compositions and methods for preventing, treating, or managing anxiety, pain, chronic pain, depression, and disorders such as premenstrual syndrome comprising the administration of a prophylactically and therapeutically effective amount of Rutaceae plant or extracts thereof to a mammal in need of such therapy. In a preferred embodiment, the mammal is human and the extracts are substantially free of the compounds obacunone or **limonin**. The invention also relates to compositions and methods for preventing, treating, or managing separation anxiety in domestic animals comprising the administration of a prophylactically and therapeutically effective amount of Rutaceae plant or extracts thereof to an animal in need of such therapy.

L4 ANSWER 4 OF 11 USPATFULL

ACCESSION NUMBER: 2002:112932 USPATFULL  
TITLE: Opioid agonist/opioid antagonist/acetaminophen combinations  
INVENTOR(S): Kaiko, Robert F., Weston, CT, UNITED STATES  
Colucci, Robert D., Newtown, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002058673	A1	20020516
APPLICATION INFO.:	US 2001-992936	A1	20011105 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-503020, filed on 11 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1998-218662, filed on 22 Dec 1998, GRANTED, Pat. No. US 6277384		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-68480P	19971222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 SEVENTH AVENUE, 14TH FLOOR, NEW YORK, NY, 10018	
NUMBER OF CLAIMS:	36	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Page(s)	
LINE COUNT:	2480	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is directed in part to oral dosage forms comprising a combination of an opioid agonist, acetaminophen and an orally active opioid antagonist, the opioid antagonist being included in a ratio to the opioid agonist to provide a combination product which is analgesically effective when the combination is administered orally, but which is aversive in a physically dependent subject. Preferably, the amount of opioid antagonist included in the combination product provides at least a mildly negative, "aversive" experience in physically dependent addicts (e.g., precipitated abstinence syndrome).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 11 USPATFULL

ACCESSION NUMBER: 2002:112328 USPATFULL  
TITLE: Pharmaceutical dosage form for **pulsatile** delivery of methylphenidate



INVENTOR(S): Midha, Kamal K., Hamilton, CANADA  
Iorio, Theodore L., Millis, MA, UNITED STATES  
Chungi, Shubha, Sharon, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002058061	A1	20020516
APPLICATION INFO.:	US 2001-992353	A1	20011113 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-544732, filed on 6 Apr 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-127984P	19990406 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	REED & ASSOCIATES, 800 MENLO AVENUE, SUITE 210, MENLO PARK, CA, 94025	
NUMBER OF CLAIMS:	42	
EXEMPLARY CLAIM:	1	
LINE COUNT:	815	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel pharmaceutical dosage forms provide for **pulsatile** delivery of methylphenidate, i.e., release encapsulated drug in spaced apart "pulses." The dosage forms are comprised of first, second and optionally third dosage units, with each dosage unit having a different drug release profile. The dosage forms may comprise capsules housing compressed tablets or drug-containing beads or particles, or may comprise a single **tablet** with the first, second and optionally third dosage units each representing an integral and discrete segment thereof. Methods of treatment using the pharmaceutical dosage forms are provided as well.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 11 USPATFULL  
ACCESSION NUMBER: 2002:88001 USPATFULL  
TITLE: Opioid agonist/opioid antagonist/acetaminophen combinations  
INVENTOR(S): Kaiko, Robert F., Weston, CT, United States  
Colucci, Robert D., Newtown, CT, United States  
PATENT ASSIGNEE(S): Euro-Celtique, S.A., Luxembourg, LUXEMBOURG (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6375957	B1	20020423
APPLICATION INFO.:	US 2000-503020		20000211 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-218662, filed on 22 Dec 1998		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-68480P	19971222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Ware, Todd D	
LEGAL REPRESENTATIVE:	Davidson, Davidson & Kappel, LLC	
NUMBER OF CLAIMS:	55	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 12 Drawing Page(s)	

LINE COUNT: 2580

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is directed in part to oral dosage forms comprising a combination of an opioid agonist, acetaminophen and an orally active opioid antagonist, the opioid antagonist being included in a ratio to the opioid agonist to provide a combination product which is analgesically effective when the combination is administered orally, but which is aversive in a physically dependent subject. Preferably, the amount of opioid antagonist included in the combination product provides at least a mildly negative, "aversive" experience in physically dependent addicts (e.g., precipitated abstinence syndrome).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 11 USPATFULL

ACCESSION NUMBER: 2002:22465 USPATFULL

TITLE: Opioid agonist /antagonist combinations

INVENTOR(S): Kaiko, Robert F., Weston, CT, UNITED STATES  
Colucci, Robert D., Newtown, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002013301	A1	20020131
	US 6475494	B2	20021105
APPLICATION INFO.:	US 2001-815167	A1	20010322 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-218662, filed on 22 Dec 1998, GRANTED, Pat. No. US 6277384		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-68480P	19971222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 SEVENTH AVENUE, 14TH FLOOR, NEW YORK, NY, 10018	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Page(s)	
LINE COUNT:	2208	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is directed in part to oral dosage forms comprising a combination of an orally analgesically effective amount of an opioid agonist and an orally active opioid antagonist, the opioid antagonist being included in a ratio to the opioid agonist to provide a combination product which is analgesically effective when the combination is administered orally, but which is aversive in a physically dependent subject. Preferably, the amount of opioid antagonist included in the combination product provides at least a mildly negative, "aversive" experience in physically dependent addicts (e.g., precipitated abstinence syndrome).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 11 USPATFULL

ACCESSION NUMBER: 2002:13804 USPATFULL

TITLE: Pharmaceutical dosage form for **pulsatile** delivery of methylphenidate

INVENTOR(S): Midha, Kamal K., Hamilton, BERMUDA  
Iorio, Theodore L., Millis, MA, United States  
Chungi, Shubha, Sharon, MA, United States  
PATENT ASSIGNEE(S): Armaquest, Inc., Hamilton, BERMUDA (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6340476	B1	20020122
APPLICATION INFO.:	US 2000-544732		20000406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-127984P	19990406 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Di Nola-Baron, Lilliana	
LEGAL REPRESENTATIVE:	Reed, Dianne E., Reed & Associates	
NUMBER OF CLAIMS:	56	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	838	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel pharmaceutical dosage forms provide for **pulsatile** delivery of methylphenidate, i.e., release encapsulated drug in spaced apart "pulses." The dosage forms are comprised of first, second and optionally third dosage units, with each dosage unit having a different drug release profile. The dosage forms may comprise capsules housing compressed tablets or drug-containing beads or particles, or may comprise a single **tablet** with the first, second and optionally third dosage units each representing an integral and discrete segment thereof. Methods of treatment using the pharmaceutical dosage forms are provided as well.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 11 USPATFULL

ACCESSION NUMBER: 2001:229235 USPATFULL  
 TITLE: METHOD FOR USING SOLUBLE CURCUMIN TO INHIBIT  
 PHOSPHORYLASE KINASE IN INFLAMMATORY DISEASES  
 INVENTOR(S): HENG, MADALENE C.Y., NORTHRIDGE, CA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001051184	A1	20011213
APPLICATION INFO.:	US 1999-315856	A1	19990520 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	ATTN: DAVID A. FARAH. M.D., SHELDON & MAK, 225 SOUTH LAKE AVENUE, SUITE 900, PASADENA, CA, 91101		
NUMBER OF CLAIMS:	115		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Page(s)		
LINE COUNT:	4191		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The compound curcumin, derived from turmeric, inhibits phosphorylase kinase and, by doing so, exhibits a number of physiological effects related to the control of inflammation and cellular proliferation. However, curcumin is effective only when in solution. Curcumin is almost completely insoluble in water or in oils, but is soluble in alcohols. Accordingly, a method for treating inflammation in a mammal comprising administering curcumin in a solution containing at least one alcohol to a mammal to detectably inhibit the activity of phosphorylase kinase in the blood of the mammal or in a tissue of the mammal. The alcohol is preferably ethanol, 1-propanol, or 2-propanol; most preferably, it is ethanol. Instead of curcumin, a curcumin derivative or curcuminoid can

be administered. The method can further comprise the administration of at least one additional compound that can be (1) vitamin D.sub.3 and vitamin D.sub.3 analogues; (2) vitamin A, vitamin A derivatives, and vitamin A analogues (3) a calmodulin inhibitor; (4) an anti-inflammatory drug; (5) a calcium channel blocker; (6) a H1 or H2 histamine blocker; (7) an antioxidant; (8) a polyphenolic compound; (9) a monoterpene; (10) genistein; (11) a soybean derived lectin; and (12) dehydrozingerone. Another aspect of the present invention is a pharmaceutical composition comprising curcumin, a curcuminoid, or a curcumin derivative in a solution containing at least one alcohol, at least one additional compound as described above, and a pharmaceutically acceptable carrier.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 11 USPATFULL

ACCESSION NUMBER: 2001:136192 USPATFULL  
TITLE: Opioid agonist/antagonist combinations  
INVENTOR(S): Kaiko, Robert F., Weston, CT, United States  
Colucci, Robert D., Newtown, CT, United States  
PATENT ASSIGNEE(S): Euro-Celtique S.A., Luxembourg, United States (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6277384	B1	20010821
APPLICATION INFO.:	US 1998-218662		19981222 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-68480, filed on 22 Dec 1997		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-68480P	19971222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Ware, Todd D.	
LEGAL REPRESENTATIVE:	Davidson, Davidson & Kappell, LLC	
NUMBER OF CLAIMS:	50	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 11 Drawing Page(s)	
LINE COUNT:	2259	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is directed in part to oral dosage forms comprising a combination of an orally analgesically effective amount of an opioid agonist and an orally active opioid antagonist, the opioid antagonist being included in a ratio to the opioid agonist to provide a combination product which is analgesically effective when the combination is administered orally, but which is aversive in a physically dependent subject. Preferably, the amount of opioid antagonist included in the combination product provides at least a mildly negative, "aversive" experience in physically dependent addicts (e.g., precipitated abstinence syndrome).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 11 USPATFULL

ACCESSION NUMBER: 2001:55482 USPATFULL  
TITLE: Pharmaceutical dosage form for **pulsatile** delivery of d-threo-methylphenidate and a second CNS stimulant  
INVENTOR(S): Midha, Kamal K., Hamilton, Bermuda  
Teicher, Martin H., Waltham, MA, United States

> s (oral dosage) and abuse  
L1 449 (ORAL DOSAGE) AND ABUSE

=> s l1 and (avers? or bitter or bitrex or (denanatronium benzoate) or agaric? or (benzyl acetate) or brucine? or caffeine or capsaicin or saccharide or (diethyl phthalate) or epicatechin or genistein or gentian? or gerianol or hydroxytyrosol or kashin or limonin ir linalool)

L2 134 L1 AND (AVERS? OR BITTER OR BITREX OR (DENANATRONIUM BENZOATE) OR AGARIC? OR (BENZYL ACETATE) OR BRUCINE? OR CAFFEINE OR CAPSAICIN OR SACCHARIDE OR (DIETHYL PHTHALATE) OR EPICATECHIN OR GENISTEIN OR GENTIAN? OR GERIANOL OR HYDROXYTYROSOL OR KASHIN OR LIMONIN IR LINALOOL)

=> s l2 and ((methyl anthranilate) or naringin or nobiletin or oleuropin or (phenylethyl alcohol) or polyphenol# or quassin or quebracho or quercitin or quinine? or sinensetin or (sucrose benzoate) or (scrose octaacetate) or tangeretin)

L3 0 L2 AND ((METHYL ANTHRANILATE) OR NARINGIN OR NOBILETIN OR OLEUROPIN OR (PHENYLETHYL ALCOHOL) OR POLYPHENOL# OR QUASSIN OR QUEBRACHO OR QUERCITIN OR QUININE? OR SINENSETIN OR (SUCROSE BENZOATE) OR (SCROSE OCTAACETATE) OR TANGERETIN)

=> s l3 and ((respiratory irritant) or capsaicin? or capsic? or capsacutin or dihydrocapsaicin norhydrocapsaicin or homocapsaicin or homodihydrocapsaicin or gingerol or mace or piperine or isochavicine or isopiperine or piperidine or chavicine or piperettine or zingerone)

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=> s l3 and ((respiratory irritant) or capsaicin? or capsic? or capsacutin or dihydrocapsaicin or norhydrocapsaicin or homocapsaicin or homodihydrocapsaicin or gingerol or mace or piperine or isochavicine or isopiperine or piperidine or chavicine or piperettine or zingerone)

3 FILES SEARCHED...

L4 0 L3 AND ((RESPIRATORY IRRITANT) OR CAPSAICIN? OR CAPSIC? OR CAPSACUTIN OR DIHYDROCAPSAICIN OR NORHYDROCAPSAICIN OR HOMOCAPSAICIN OR HOMODIHYDROCAPSAICIN OR GINGEROL OR MACE OR PIPERINE OR ISOCHAVICINE OR ISOPIPERINE OR PIPERIDINE OR CHAVICINE OR PIPERETTINE OR ZINGERONE)

=> s l2 and ((respiratory irritant) or capsaicin? or capsic? or capsacutin or dihydrocapsaicin or norhydrocapsaicin or homocapsaicin or homodihydrocapsaicin or gingerol or mace or piperine or isochavicine or isopiperine or piperidine or chavicine or piperettine or zingerone)

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L5 44 L2 AND ((RESPIRATORY IRRITANT) OR CAPSAICIN? OR CAPSIC? OR CAPSACUTIN OR DIHYDROCAPSAICIN OR NORHYDROCAPSAICIN OR HOMOCAPSAICIN OR HOMODIHYDROCAPSAICIN OR GINGEROL OR MACE OR PIPERINE OR ISOCHAVICINE OR ISOPIPERINE OR PIPERIDINE OR CHAVICINE OR PIPERETTINE OR ZINGERONE)

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NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
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=> s (oral dos?) and abuse  
 L1 976 (ORAL DOS?) AND ABUSE

=> s l1 and (avers? or irritant# or bitter or sour)

L2 98 L1 AND (AVERS? OR IRRITANT# OR BITTER OR SOUR)

=> s l2 and nocicept?

L3 36 L2 AND NOCICEPT?

=> s l3 and (bitter or botrex or denatronium? or agaric? or (benzyl acetate) or brucine? or caffeine or cpasaicin or catechin or dadzein or (diethyl phthalate) or epicatechin or genistein or (gentian violet) or gerianol)

L4 18 L3 AND (BITTER OR BOTREX OR DENATRONIUM? OR AGARIC? OR (BENZYL ACETATE) OR BRUCINE? OR CAFFEINE OR CPASAICIN OR CATECHIN OR DADZEIN OR (DIETHYL PHTHALATE) OR EPICATECHIN OR GENISTEIN OR (GENTIAN VIOLET) OR GERIANOL)

=> s l4 and (hydroxytyrosol or kashin or limonin or linalool? or (methyl anthranilate or naringin or nobiletin or oleuropin or (phenylethyl alcohol) or polyphenol# or quassin or quebracho or quercitin or quinine? or sinesetin or sucrose? or tangeretin)

UNMATCHED LEFT PARENTHESIS 'AND (HYDROXYTYR'

The number of right parentheses in a query must be equal to the number of left parentheses.

=> s l4 and (hydroxytyrosol or kashin or limonin or linalool? or (methyl anthranilate) or naringin or nobiletin or oleuropin or (phenylethyl alcohol) or polyphenol# or quassin or quebracho or quercitin or quinine? or sinesetin or sucrose? or tangeretin)

L5 18 L4 AND (HYDROXYTYROSOL OR KASHIN OR LIMONIN OR LINALOOL? OR (METHYL ANTHRANILATE) OR NARINGIN OR NOBILETIN OR OLEUROPIN OR (PHENYLETHYL ALCOHOL) OR POLYPHENOL# OR QUASSIN OR QUEBRACHO OR QUERCITIN OR QUININE? OR SINESETIN OR SUCROSE? OR TANGERETIN)

=> s l5 and (oral or respirat? or ihnal? or snort? or mainlin? or huff? or nasal?)

L6 18 L5 AND (ORAL OR RESPIRAT? OR IHNAL? OR SNORT? OR MAINLIN? OR HUFF? OR NASAL?)

=> d l6 1-18 ibib abs

L6 ANSWER 1 OF 18 USPATFULL

ACCESSION NUMBER: 2002:325998 USPATFULL

TITLE: Kappa agonist compounds, pharmaceutical formulations and method of prevention and treatment of pruritus therewith

INVENTOR(S): Zhang, Wei Yuan, Collegeville, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Marella, Michael Anthony, Exton, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Gaul, Forrest, Glen Moore, PA, United States  
Guo, Deqi, Phoenixville, PA, United States

PATENT ASSIGNEE(S): Adolor Corporation, Exton, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6492351	B1	20021210
APPLICATION INFO.:	US 2001-803901		20010313 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-372191, filed on 11 Aug 1999, now patented, Pat. No. US 6239154, issued on 29 May 2001 Continuation-in-part of Ser. No. US 1998-150369, filed on 9 Sep 1998, now patented, Pat. No. US 6303611, issued on 16 Oct 2001 Continuation-in-part of Ser. No. US 1998-34661, filed on 3 Mar 1998, now patented, Pat. No. US 5945443, issued on 31 Aug 1999 Division of Ser. No. US		



1997-899086, filed on 23 Jul 1997, now patented, Pat.  
No. US 5744458, issued on 28 Apr 1998 Division of Ser.  
No. US 1997-796078, filed on 5 Feb 1997, now patented,  
Pat. No. US 5688955, issued on 18 Nov 1997  
Continuation-in-part of Ser. No. US 1996-612680, filed  
on 8 Mar 1996, now patented, Pat. No. US 5646151,  
issued on 8 Jul 1997

DOCUMENT TYPE: Utility  
FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Lambkin, Deborah C.  
ASSISTANT EXAMINER: Sackey, Ebenezer  
LEGAL REPRESENTATIVE: Woodcock Washburn LLP  
NUMBER OF CLAIMS: 1  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)  
LINE COUNT: 6832  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The compounds of formulae IIA, the structure: ##STR1##

wherein

R.sub.1, R.sub.2, and X.sub.4, X.sub.5, n are as described in the  
specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 18 USPATFULL

ACCESSION NUMBER: 2002:192093 USPATFULL  
TITLE: Kappa agonist compounds, pharmaceutical formulations  
and method of prevention and treatment of pruritus  
therewith  
INVENTOR(S): Zhang, Wei Yuan, Collegeville, PA, UNITED STATES  
Maycock, Alan L., Malvern, PA, UNITED STATES  
Marella, Anthony Michael, Exton, PA, UNITED STATES  
Kumar, Virendra, Paoli, PA, UNITED STATES  
Gaul, Forrest, Glen Moore, PA, UNITED STATES  
Guo, Deqi, Phoenixville, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002103164	A1	20020801
	US 6476063	B2	20021105
APPLICATION INFO.:	US 2001-803976	A1	20010313 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-372191, filed on 11 Aug 1999, GRANTED, Pat. No. US 6239154 Continuation-in-part of Ser. No. US 1998-150369, filed on 9 Sep 1998, PENDING Continuation-in-part of Ser. No. US 1998-34661, filed on 3 Mar 1998, GRANTED, Pat. No. US 5945443 Division of Ser. No. US 1997-899086, filed on 23 Jul 1997, GRANTED, Pat. No. US 5744458 Division of Ser. No. US 1997-796078, filed on 5 Feb 1997, GRANTED, Pat. No. US 5688955 Continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, GRANTED, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	PEPPER HAMILTON, 600 FOURTEENTH STREET NW, WASHINGTON, DC, 20005		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
LINE COUNT:	7524		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

AB Method for the prevention or treatment of pruritus with anti-pruritic compounds is provided.

The compounds of formulae I, II, IIA, III, IIIA, IV and IVA have the structure: ##STR1##

wherein

R.sub.1, R.sub.2, R.sub.3, R.sub.4; and

X, X.sub.4, X.sub.5, X.sub.7, X.sub.9;

Y, Z and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 18 USPATFULL

ACCESSION NUMBER: 2002:119359 USPATFULL

TITLE: Compositions and methods for use of extracts of rutaceae plants

INVENTOR(S): Stogniew, Martin, Blue Bell, PA, UNITED STATES  
Chambliss, Walter, Memphis, TN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002061339	A1	20020523
APPLICATION INFO.:	US 2001-948019	A1	20010906 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-235920P	20000928 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711	
NUMBER OF CLAIMS:	54	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	1822	

AB The invention relates to compositions and methods for preventing, treating, or managing anxiety, pain, chronic pain, depression, and disorders such as premenstrual syndrome comprising the administration of a prophylactically and therapeutically effective amount of Rutaceae plant or extracts thereof to a mammal in need of such therapy. In a preferred embodiment, the mammal is human and the extracts are substantially free of the compounds obacunone or limonin. The invention also relates to compositions and methods for preventing, treating, or managing separation anxiety in domestic animals comprising the administration of a prophylactically and therapeutically effective amount of Rutaceae plant or extracts thereof to an animal in need of such therapy.

L6 ANSWER 4 OF 18 USPATFULL

ACCESSION NUMBER: 2002:116296 USPATFULL

TITLE: Kappa agonist compounds and pharmaceutical formulations thereof

INVENTOR(S): Zhang, Wei Yuan, Collegeville, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Marella, Michael Anthony, Exton, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Gaul, Forrest, Glen Moore, PA, United States

PATENT ASSIGNEE(S): Chang, An-Chih, Rochester, MN, United States  
Guo, Deqi, Phoenixville, PA, United States  
Adolor Corporation, Exton, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6391910	B1	20020521
APPLICATION INFO.:	US 2000-478482		20000106 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-150369, filed on 9 Sep 1998 Continuation-in-part of Ser. No. US 1998-34661, filed on 3 Mar 1998, now patented, Pat. No. US 5945443 Division of Ser. No. US 1997-899086, filed on 23 Jul 1997, now patented, Pat. No. US 5744458 Division of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 Continuation of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Higel, Floyd D.		
ASSISTANT EXAMINER:	Sackey, Ebenezer		
LEGAL REPRESENTATIVE:	Hamilton L.L.P., Pepper, Villacerta, Gilberto M..		
NUMBER OF CLAIMS:	5		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	6683		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics are provided.

The compounds of formulae I, II, IIA, III, IIIA, IV and IVA have the structure: ##STR1##

wherein

R.sub.1, R.sub.2, R.sub.3, R.sub.4; and

X, X.sub.4, X.sub.5, X.sub.7, X.sub.9;

Y, Z and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 18 USPATFULL

ACCESSION NUMBER: 2002:78742 USPATFULL

TITLE: Kappa agonist compounds, pharmaceutical formulations and method of prevention and treatment of pruritus therewith

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, UNITED STATES  
Chang, An-Chih, Bensalem, PA, UNITED STATES  
DeHaven-Hudkins, Diane L., Chester Springs, PA, UNITED STATES  
Farrar, John J., Chester Springs, PA, UNITED STATES  
Gaul, Forrest, Douglassville, PA, UNITED STATES  
Kumar, Virendra, Paoli, PA, UNITED STATES  
Marella, Michael Anthony, Philadelphia, PA, UNITED STATES  
Maycock, Alan L., Malvern, PA, UNITED STATES  
Zhang, Wei Yuan, Collegeville, PA, UNITED STATES  
PATENT ASSIGNEE(S): Adolor Corporation (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002042399	A1	20020411
APPLICATION INFO.:	US 2001-769450	A1	20010126 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-436057, filed on 8 Nov 1999, GRANTED, Pat. No. US 6180623 Division of Ser. No. US 1999-307517, filed on 7 May 1999, GRANTED, Pat. No. US 6028063 Division of Ser. No. US 1998-45522, filed on 21 Mar 1998, GRANTED, Pat. No. US 5981513 Division of Ser. No. US 1997-891833, filed on 14 Jul 1997, GRANTED, Pat. No. US 5763445 Continuation-in-part of Ser. No. US 1997-796078, filed on 5 Feb 1997, GRANTED, Pat. No. US 5688955 Continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, GRANTED, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Pepper Hamilton LLP, 600 Fourteenth Street, N.W., Washington, DC, 20005		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
LINE COUNT:	5184		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and 5 method of using them as analgesics and pruritic agents are provided.

The compounds of formulae I, II, III and IV have the structure:  
##STR1##

wherein

X, X.sub.4, X.sub.5, X.sub.7, X.sub.9;

R.sub.1, R.sub.2, R.sub.3, R.sub.4; and

Y, Z and n are as described in the specification

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 18 USPATFULL

ACCESSION NUMBER: 2002:22460 USPATFULL  
TITLE: Kappa agonist compounds, pharmaceutical formulations and method of prevention and treatment of pruritus therewith  
INVENTOR(S): Zhang, Wei Yuan, Collegeville, PA, UNITED STATES  
Maycock, Alan L., Malvern, PA, UNITED STATES  
Marella, Michael Anthony, Exton, PA, UNITED STATES  
Kumar, Virendra, Paoli, PA, UNITED STATES  
Gaul, Forrest, Glen Moore, PA, UNITED STATES  
Guo, Deqi, Phoenixville, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002013296	A1	20020131
	US 6486165	B2	20021126
APPLICATION INFO.:	US 2001-803957	A1	20010313 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-372191, filed on 11 Aug 1999, GRANTED, Pat. No. US 6239154 Continuation-in-part of Ser. No. US 1998-150369, filed on 9 Sep 1998, PENDING Continuation-in-part of Ser. No. US 1998-34661, filed on 3 Mar 1998, GRANTED, Pat. No. US 5945443		

Division of Ser. No. US 1997-899086, filed on 23 Jul 1997, GRANTED, Pat. No. US 5744458 Division of Ser. No. US 1997-796078, filed on 5 Feb 1997, GRANTED, Pat. No. US 5688955 Continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, GRANTED, Pat. No. US 5646151

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: PEPPER HAMILTON, 600 FOURTEENTH STREET NW, WASHINGTON, DC, 20005

NUMBER OF CLAIMS: 7  
EXEMPLARY CLAIM: 1  
LINE COUNT: 7612

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Method for the prevention or treatment of pruritus with anti-pruritic compounds is provided.

The compounds of formulae I, II, IIA, III, IIIA, IV and IVA have the structure: ##STR1##

wherein

R.sub.1, R.sub.2, R.sub.3, R.sub.4; and

X, X.sub.4, X.sub.5, X.sub.7, X.sub.9;

Y, Z and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 18 USPATFULL

ACCESSION NUMBER: 2001:179103 USPATFULL

TITLE: Kappa agonist compounds and pharmaceutical formulations thereof

INVENTOR(S): Zhang, Wei Yuan, Collegeville, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Marella, Michael Anthony, Exton, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Gaul, Forrest, Glen Moore, PA, United States  
Chang, An-Chih, Rochester, MN, United States  
Guo, Deqi, Phoenixville, PA, United States

PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6303611	B1	20011016
APPLICATION INFO.:	US 1998-150369		19980909 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-34661, filed on 3 Mar 1998 Division of Ser. No. US 1997-899086, filed on 23 Jul 1997, now patented, Pat. No. US 5744458 Division of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 Continuation of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		

DOCUMENT TYPE: Utility  
FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: McKane, Joseph K.  
LEGAL REPRESENTATIVE: Balogh, Imre  
NUMBER OF CLAIMS: 5  
EXEMPLARY CLAIM: 1  
LINE COUNT: 6955

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics are provided.

The compounds of formula having the structure: ##STR1##

wherein

R.sub.1, R.sub.2, and X Y, Z, Ar and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 18 USPATFULL

ACCESSION NUMBER: 2001:79178 USPATFULL

TITLE: Kappa agonist compounds pharmaceutical formulations and method of prevention and treatment of pruritus therewith

INVENTOR(S): Zhang, Wei Yuan, Collegeville, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Marella, Michael Anthony, Exton, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Gaul, Forrest, Glen Moore, PA, United States  
Guo, Deqi, Phoenixville, PA, United States

PATENT ASSIGNEE(S): Adolor Corporation, Exton, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6239154	B1	20010529
APPLICATION INFO.:	US 1999-372191		19990811 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-150369, filed on 9 Sep 1998 Continuation-in-part of Ser. No. US 1998-34661, filed on 3 Mar 1998, now patented, Pat. No. US 5945443 Division of Ser. No. US 1997-899086, filed on 23 Jul 1997, now patented, Pat. No. US 5744458 Division of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 Continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Higel, Floyd D.		
ASSISTANT EXAMINER:	Sackey, Ebenezer		
LEGAL REPRESENTATIVE:	Villacorta, Gilberto M. Pepper Hamilton, LLP		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
LINE COUNT:	7145		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Method for the prevention or treatment of pruritis by administering to a patient an antipruritic compound, or pharmaceutically acceptable salt thereof, of the class arylacetamide, which is exemplified by compounds of the formulae I, II, IIA, III, IV and IVA having the structures: ##STR1##

and in which R.sub.1-4, X, X.sub.4, X.sub.5, X.sub.7, X.sub.9, Y and Z are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 9 OF 18 USPATFULL

ACCESSION NUMBER: 2001:14479 USPATFULL

TITLE: Kappa agonist compounds, pharmaceutical formulations and method of prevention and treatment of pruritus therewith

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States  
 Chang, An-Chih, Bensalem, PA, United States  
 DeHaven-Hudkins, Diane L., Chester Springs, PA, United States  
 Farrar, John J., Chester Springs, PA, United States  
 Gaul, Forrest, Douglassville, PA, United States  
 Kumar, Virendra, Paoli, PA, United States  
 Marella, Michael Anthony, Philadelphia, PA, United States  
 Maycock, Alan L., Malvern, PA, United States  
 Zhang, Wei Yuan, Collegeville, PA, United States

PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6180623	B1	20010130
APPLICATION INFO.:	US 1999-436057		19991108 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-307517, filed on 7 May 1999, now patented, Pat. No. US 6028063 Division of Ser. No. US 1998-45522, filed on 21 Mar 1998, now patented, Pat. No. US 5981513 Division of Ser. No. US 1997-891833, filed on 14 Jul 1997, now patented, Pat. No. US 5763445 Continuation-in-part of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 Continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Tsang, Cecilia		
ASSISTANT EXAMINER:	Wright, Sonya		
LEGAL REPRESENTATIVE:	Villacorta, Gilberto M. Pepper Hamilton LLP		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4707		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and methods of using them as analgesics and anti-pruritic agents are provided.

The compounds of formula IV have the structure: ##STR1##

wherein

X.sub.9 ;

R.sub.1, R.sub.2, R.sub.3, R.sub.4 ; and

n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 10 OF 18 USPATFULL

ACCESSION NUMBER: 2000:54106 USPATFULL

TITLE: Kappa agonist compounds pharmaceutical formulations and method of prevention and treatment of pruritus therewith

INVENTOR(S): Zhang, Wei Yuan, Collegeville, PA, United States

Maycock, Alan L., Malvern, PA, United States  
 Marella, Michael Anthony, Exton, PA, United States  
 Kumar, Virendra, Paoli, PA, United States  
 Gaul, Forrest, Glen Moore, PA, United States  
 Chang, An-Chih, Rochester, MN, United States  
 Guo, Deqi, Phoenixville, PA, United States  
 Adolor Corporation, Malvern, PA, United States (U.S.  
 corporation)

PATENT ASSIGNEE(S):

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 6057323	20000502
APPLICATION INFO.:	US 1998-183011	19981030 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-150369, filed on 9 Sep 1998 which is a continuation-in-part of Ser. No. US 1998-34661, filed on 3 Mar 1998 which is a division of Ser. No. US 1997-899086, filed on 23 Jul 1997, now patented, Pat. No. US 5744458 which is a division of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151	
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	McKane, Joseph K.	
LEGAL REPRESENTATIVE:	Balogh, Imre	
NUMBER OF CLAIMS:	2	
EXEMPLARY CLAIM:	1	
LINE COUNT:	7275	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics and anti-pruritic agents are provided.

The compound of formula I, having the structure: ##STR1## wherein R.sub.1, R.sub.2 ;

X; and Ar

Y, Z and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 11 OF 18 USPATFULL

ACCESSION NUMBER: 2000:50695 USPATFULL

TITLE: Kappa agonist compounds pharmaceutical formulations and method of prevention and treatment of pruritis therewith

INVENTOR(S): Zhang, Wei Yuan, Collegeville, PA, United States  
 Maycock, Alan L., Malvern, PA, United States  
 Marella, Michael Anthony, Exton, PA, United States  
 Kumar, Virendra, Paoli, PA, United States  
 Gaul, Forrest, Glen Moore, PA, United States  
 Chang, An-Chih, Rochester, MN, United States  
 Guo, Deqi, Phoenixville, PA, United States

PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 6054445	20000425
APPLICATION INFO.:	US 1999-307387	19990507 (9)



RELATED APPLN. INFO.: Division of Ser. No. US 1998-183011, filed on 30 Oct 1998 which is a continuation-in-part of Ser. No. US 1998-150369, filed on 9 Sep 1998 which is a continuation-in-part of Ser. No. US 1998-34661, filed on 3 Mar 1998, now patented, Pat. No. US 5945443 which is a division of Ser. No. US 1997-899086, filed on 23 Jul 1997, now patented, Pat. No. US 5744458 which is a division of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: McKane, Joseph K.  
LEGAL REPRESENTATIVE: Balogh, Imre  
NUMBER OF CLAIMS: 1  
EXEMPLARY CLAIM: 1  
LINE COUNT: 7163

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics and anti-pruritic agents are provided. The compound of formulae IIA, having the structure: ##STR1## wherein R.sub.1, R.sub.2 ;

X.sub.4, X.sub.5 ; and

Ar and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 12 OF 18 USPATFULL

ACCESSION NUMBER: 2000:21557 USPATFULL  
TITLE: Kappa agonist compounds, pharmaceutical formulations and method of prevention and treatment of pruritus therewith  
INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States  
Chang, An-Chih, Bensalem, PA, United States  
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States  
Farrar, John J., Chester Springs, PA, United States  
Gaul, Forrest, Douglassville, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Marella, Michael Anthony, Philadelphia, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Zhang, Wei Yuan, Collegeville, PA, United States  
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6028063		20000222
APPLICATION INFO.:	US 1999-307517		19990507 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-45522, filed on 21 Mar 1998 which is a division of Ser. No. US 1997-891833, filed on 14 Jul 1997, now patented, Pat. No. US 5763445 which is a continuation-in-part of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		

FILE SEGMENT: Granted  
PRIMARY EXAMINER: McKane, Joseph  
LEGAL REPRESENTATIVE: Balogh, Imre  
NUMBER OF CLAIMS: 3  
EXEMPLARY CLAIM: 1  
LINE COUNT: 4884  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics and anti-pruritic agents are provided.

The compounds of formula III having the structure: ##STR1## wherein Ar and X.sup.7 ;

R.sub.1 and R.sub.2 ; and

n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 13 OF 18 USPATFULL

ACCESSION NUMBER: 1999:141920 USPATFULL  
TITLE: Kappa agonist compounds, pharmaceutical formulations and method of prevention and treatment of pruritus therewith  
INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States  
Chang, An-Chih, Phoenixville, PA, United States  
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States  
Farrar, John J., Chester Springs, PA, United States  
Gaul, Forrest, Glen Moore, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Marella, Michael Anthony, Exton, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Zhang, Wei Yuan, Collegeville, PA, United States  
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5981513		19991109
APPLICATION INFO.:	US 1998-45522		19980321 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-891833, filed on 14 Jul 1997, now patented, Pat. No. US 5763445 which is a continuation-in-part of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: McKane, Joseph K.  
LEGAL REPRESENTATIVE: Balogh, Imre  
NUMBER OF CLAIMS: 6  
EXEMPLARY CLAIM: 1  
LINE COUNT: 4855  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics and anti-pruritic agents are provided. The compounds of formula II having the structure: ##STR1## wherein X.sub.4, X.sub.5 ;

R.sub.1, R.sub.2 ; and

Ar and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 14 OF 18 USPATFULL

ACCESSION NUMBER: 1999:102832 USPATFULL

TITLE: Kappa agonist compounds and pharmaceutical formulations thereof

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States  
Chang, An-Chih, Phoenixville, PA, United States  
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States  
Farrar, John J., Chester Springs, PA, United States  
Gaul, Forrest, Glen Moore, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Marella, Michael Anthony, Exton, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Zhang, Wei Yuan, Collegeville, PA, United States  
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5945443		19990831
APPLICATION INFO.:	US 1998-34661		19980303 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-899086, filed on 23 Jul 1997, now patented, Pat. No. US 5744458 which is a division of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKane, Joseph K.		
LEGAL REPRESENTATIVE:	Balogh, Imre		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4556		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics are provided. The compound of formulae IV having the structure: ##STR1## wherein X.sub.9 ;

R.sub.1, R.sub.2, R.sub.3, R.sub.4 ;

and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 15 OF 18 USPATFULL

ACCESSION NUMBER: 1998:65227 USPATFULL

TITLE: Kappa agonist compounds pharmaceutical formulations and method of prevention and treatment of pruritus therewith

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States  
Chang, An-Chih, Bensalem, PA, United States  
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States  
Farrar, John J., Chester Springs, PA, United States  
Gaul, Forrest, Douglassville, PA, United States  
Kumar, Virendra, Paoli, PA, United States

PATENT ASSIGNEE(S): Marella, Michael Anthony, Philadelphia, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Zhang, Wei Yuan, Collegeville, PA, United States  
Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5763445		19980609
APPLICATION INFO.:	US 1997-891833		19970714 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKane, Joseph		
LEGAL REPRESENTATIVE:	Balogh, Imre		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4965		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics and anti-pruritic agents are provided.

The compounds of formular I, II, III and IV have the structure: ##STR1## wherein X, X.sub.4, X.sub.5, X.sub.7, X.sub.9 ;

R.sub.1, R.sub.2, R.sub.3, R.sub.4 ; and

Y, Z and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 16 OF 18 USPATFULL  
ACCESSION NUMBER: 1998:45193 USPATFULL  
TITLE: Kappa agonist compounds and pharmaceutical formulations thereof  
INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States  
Chang, An-Chih, Phoenixville, PA, United States  
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States  
Farrar, John J., Chester Springs, PA, United States  
Gaul, Forrest, Glen Moore, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Marella, Michael Anthony, Exton, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Zhang, Wei Yuan, Collegeville, PA, United States  
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5744458		19980428
APPLICATION INFO.:	US 1997-899086		19970723 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-796078, filed on 5 Feb 1997, now patented, Pat. No. US 5688955 which is a continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996, now patented, Pat. No. US 5646151		
DOCUMENT TYPE:	Utility		

FILE SEGMENT: Granted  
PRIMARY EXAMINER: McKane, Joseph  
LEGAL REPRESENTATIVE: Balogh, Imre  
NUMBER OF CLAIMS: 15  
EXEMPLARY CLAIM: 1  
LINE COUNT: 4618  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics are provided.

The compound of formula II has the structure: ##STR1## wherein X.sub.4, X.sub.5 ;

R.sub.1, R.sub.2 ; and

Ar and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 17 OF 18 USPATFULL

ACCESSION NUMBER: 97:107236 USPATFULL  
TITLE: Kappa agonist compounds and pharmaceutical formulations thereof

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States  
Chang, An-Chih, Phoenixville, PA, United States  
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States  
Farrar, John J., Chester Springs, PA, United States  
Gaul, Forrest, Glen Moore, PA, United States  
Kumar, Virendra, Paoli, PA, United States  
Marella, Michael Anthony, Exton, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
Zhang, Wei Yuan, Collegeville, PA, United States  
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5688955		19971118
APPLICATION INFO.:	US 1997-796078		19970205 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-612680, filed on 8 Mar 1996		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKane, Joseph		
LEGAL REPRESENTATIVE:	Balogh, Imre		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
LINE COUNT:	4645		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having kappa opioid agonist activity, compositions containing them and method of using them as analgesics are provided.

The compounds of formulae I, II, III and IV have the structure: ##STR1## wherein X, X.sub.4, X.sub.5, X.sub.7, X.sub.9 ;

R.sub.1, R.sub.2, R.sub.3, R.sub.4 ; and

Y, Z and n are as described in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 18 OF 18 USPATFULL

ACCESSION NUMBER: 97:59209 USPATFULL

TITLE: Kappa agonist compounds and pharmaceutical formulations thereof

INVENTOR(S): Kruse, Lawrence I., Haddonfield, NJ, United States  
Kumar, Virendra, Paoli, PA, United States  
Chang, An-Chih, Phoenixville, PA, United States  
DeHaven-Hudkins, Diane L., Chester Springs, PA, United States  
Farrar, John J., Chester Springs, PA, United States  
Maycock, Alan L., Malvern, PA, United States  
PATENT ASSIGNEE(S): Adolor Corporation, Malvern, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5646151		19970708
APPLICATION INFO.:	US 1996-612680		19960308 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McKane, Joseph		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1630		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds, compositions and method of treating hyperalgesia comprising a compound of formula I, II, III and IV as defined in the specification.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.